

Title (en)
Method for measuring an analyte and corresponding device

Title (de)
Verfahren zum Bestimmen eines Analyten und Vorrichtung dafür

Title (fr)
Procédé pour mesurer un analyte et éprouvette de mesure

Publication
EP 0860695 B1 20060104 (EN)

Application
EP 96941154 A 19961030

Priority

- JP 9603188 W 19961030
- JP 28214695 A 19951030
- JP 28214795 A 19951030
- JP 28214895 A 19951030
- JP 23951096 A 19960910
- JP 24167796 A 19960912
- JP 25494496 A 19960926
- JP 27035496 A 19961011
- JP 27966196 A 19961022

Abstract (en)
[origin: US2003166295A1] A method of measuring an analyte, comprising a step of measuring a detectable substance by using a reaction system including a formation reaction of the detectable substance based on a chemical reaction of the analyte contained in a sample, wherein a layered inorganic compound is caused to exist in the reaction system including the formation reaction of the detectable substance, whereby high-sensitivity measurement is made possible, the detectable substance can be stabilized to improve accuracy of the measurement, a rate of a chemical reaction is increased to enable quick measurement, and high-sensitivity measurement is made possible even in a reaction system which forms an insoluble substance. Also, it can be provided an analytical testing piece for measuring an analyte, by measuring a detectable substance by using a reaction system including a formation reaction of the detectable substance based on a chemical reaction of the analyte contained in a sample, wherein the testing piece comprises at least one test portion having a detection portion for detecting the detectable substance and contains a layered inorganic compound at least in the test portion, whereby diffusion and elution of a dyestuff or the like is prevented, more sensitive and accurate simple analysis is made possible, and easy handling is possible.

IPC 8 full level
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Cited by
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US 2003166295 A1 20030904; **US 7153696 B2 20061226**; CN 1103919 C 20030326; CN 1207173 A 19990203; DE 69635717 D1 20060330; DE 69635717 T2 20060831; EP 0860695 A1 19980826; EP 0860695 A9 20011017; EP 0860695 B1 20060104; US 2003175984 A1 20030918; US 2003175985 A1 20030918; US 7098038 B2 20060829; US 7189576 B2 20070313; WO 9716720 A1 19970509

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